

J. PATRICK MURPHY

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EXPERIENCED ENTERPRISE CLOUD ARCHITECT LEADER

I am an Enterprise Cloud Architect Leader at EY, a global leader in professional services, with over 20 years of experience in Information Technology. I hold multiple Microsoft certifications, including MCITP and MCTS, and have niche expertise in Azure AD, Azure Infrastructure as a Service (IaaS), Databases, and Cloud Applications.

As the Lead Architect for Zero Trust train, I enable the design and delivery of secure and scalable solutions for Cloud Networking, Identity Platform, Monitoring and Logging, and Security Compliance. I also lead the DevOps team that manages the IAM solutions of EY's Client Technology Platform, which spans multiple cloud providers and private clouds. I am passionate about collaborating with cross-functional teams, driving decision-making within tight deadlines, and staying at the forefront of cloud technologies. My mission is to deliver value and excellence to my clients and colleagues, and to contribute to EY's vision of building a better working world.

Areas of Expertise

- Areas of Expertise
- DevOps and Agile
- Privileged Access Models
- Multi-Cloud Federation
- Identity and Access Management
- Cloud Platforms and Security
- Integration and Deployment (CI/CD)
- Technical Architecture
- Leadership and Mentorship
- Azure IaaS, PaaS, AAD, O365
- Azure Single Sign-on and MFA
- Microsoft Enterprise Billing
- Authentication and Authorization
- API Management
- Private Link
- Virtual WAN (vWAN)
- IPsec
- Role-Based Access Control (RBAC)

Professional Experience

ERNST & YOUNG, LLP (www.ey.com)

2017 – Present

ASSISTANT DIRECTOR, ENTERPRISE CLOUD ARCHITECT

- **Strategic Leadership at Scale:** Orchestrated transformative initiatives within EY's Client Technology Platform, managing and integrating complex cloud environments at an enterprise scale to support EY's extensive global presence.
- **Architectural Excellence:** Pioneered innovative architectural solutions that fostered synergy across Cloud Networking, Identity and Access Management, Identity Platform, Monitoring and Logging, and Security Compliance teams, underpinning EY's expansive global footprint.
- **Technical Collaboration:** As a Technical Lead for DevOps, played a pivotal role in fostering technical collaborations, enabling the organic integration of Azure Active Directory, Windows Active Directory, Certificates, DNS, AuthN and AuthZ, API Management, Private Link, vWAN, IPsec, RBAC, and more across EY's extensive global network.
- **Efficient Cross-Environment Expertise:** Successfully integrated Azure services, AuthN and AuthZ, API Management, Private Link, vWAN, IPsec, RBAC, and more across a vast global cloud infrastructure, ensuring harmonious and efficient enterprise-scale operations.
- **Strategic Representation:** Acted as the architectural subject matter expert for the Client Technology organization, contributing to seamless technical collaborations and integrations with the broader EY InfoSec and IAM organization's solutions and processes, supporting EY's substantial global presence.
- **Automated Connectivity:** Led the design and deployment of automation solutions, including globally scaled VPN (Point-to-Site and Site-to-Site) in Azure, enabling efficient cross-environment connectivity for a vast global network.
- **Comprehensive Technology Knowledge:** Demonstrated deep expertise in Azure AD, Windows AD, Azure IaaS, SQL PaaS, SQL Server, Azure File Shares, Azure Express Route, Global vNet Peering, AuthN and AuthZ, API Management, Private Link, vWAN, IPsec, RBAC, and other emerging technologies, supporting EY's global infrastructure.
- **Pioneering Solutions:** Served as Lead Architect for pioneering IaaS SQL Server 2016 Database-as-a-Service platform capabilities before Azure Databases were generally available, seamlessly integrating them into the Azure ecosystem to meet EY's global database needs.

ABM INDUSTRIES (www.abm.com)

2009 – 2017

ENTERPRISE ARCHITECT (2011 – 2017)

- Envision, design and deliver appropriate solutions for business and technology strategies within IT organization
- Collaborate cross-functionally with relevant Information Technology and business teams to ensure the availability, performance, access and auditing of application architecture and infrastructure requirements
- Align application and infrastructure requirements with IT needs by developing specifications
- Lead by example, providing leadership and mentoring to IT team members in Best Practices
- Serve as key resource and subject matter expert in Enterprise Architecture
- Execute rapid solutions for urgent and/or unplanned efforts using common enterprise technologies, including all versions of Windows, VM Ware, SQL Server, SharePoint, Hyper V, System Center, Azure IaaS, Azure PaaS, Enterprise Azure, Amazon Web Services
- Represented ABM directly at Microsoft as a member of the Microsoft Identity advisors group to leverage relationship to advance company technology

SENIOR SQL SERVER DATABASE ADMINISTRATOR (2009 – 2011)

- Owned SQL environment for entire enterprise, including system planning and implementation, administration, maintenance, performance, security, backup, disaster recovery and availability
 - Architected and implemented appropriate SQL Server installations for enterprise systems requiring SQL server
 - Oversaw daily activities of over 100 SQL Server instances, hosting over 80 TB of databases
 - Ensured that production system changes to database servers/systems were properly documented and approved
- ABM CONTINUED: SENIOR SQL SERVER DATABASE ADMINISTRATOR (2009 – 2011)**
- Implemented database design and coding Best Practices to support development staff
 - Liaised with third-party vendors and consultants when SQL Server was involved
 - Provided SQL Server expertise to the internal Business Intelligence team for the Oracle Business Enterprise and Oracle Data Integration implementations
 - Spearheaded various implementations of new software and application updates that involved SQL Server

BENCHMARK BRANDS (www.footsmart.com)

2006 – 2009

SENIOR SQL SERVER DATABASE ADMINISTRATOR**FIRST INVESTORS FINANCIAL SERVICE**

2006

DATABASE ADMINISTRATOR**INDEPENDENT DATABASE CONSULTANT**

2005 – 2006

CONSULTANT**POTOMAC CONSULTING GROUP**

2004 – 2005

DATABASE EXPERT AND DEVELOPER**NATIONAL ASSOCIATION OF CHAIN DRUG STORES**

2000 – 2004

DATABASE ADMINISTRATOR**Certifications**

AZ400 / MICROSOFT CERTIFIED DEVOPS ENGINEER EXPERT 2020 / AZ103 / AZ104
ITIL FOUNDATION

MICROSOFT CERTIFIED IT PROFESSIONAL (MCITP) / DATABASE ADMINISTRATOR 2008

MICROSOFT CERTIFIED TECHNOLOGY SPECIALIST (MTS) / SQL SERVER 2008 IMPLEMENTATION & MAINTENANCE
MICROSOFT CERTIFIED PROFESSIONAL (MCP)

INSTALLING, CONFIGURING AND ADMINISTERING SQL SERVER 2000

DESIGNING AND IMPLEMENTING DATABASES WITH MS SQL SERVER 2000

MICROSOFT OFFICE USER SPECIALIST (MOUS) MASTER

Programs and Conferences

2019 Microsoft Leap Redmond | 2016 VMWorld Las Vegas | 2016 SQL PASS Summit Seattle | 2015 SQL PASS Summit Seattle |
2015 Microsoft Azure Advisors Sessions, Redmond | 2015 Microsoft TAP, Redmond: Skype for Business Online | 2015 Microsoft Ignite, Chicago (Speaker
for ABM's Journey to Skype for Business) | 2015 Microsoft Azure Advisors Program, Redmond | 2014 Microsoft TechEd Houston | 2014 Microsoft
Executive Briefing Center, Redmond: The Future of Microsoft Products | 2013 Gartner Datacenter Conference Las Vegas | 2013 Microsoft TechEd New
Orleans | 2013 Microsoft Rapid Deployment Program, Redmond—Windows Server 2012 R2 | 2012 VMWorld San Francisco |
2011 VMWorld Las Vegas | 2010 SQL Dev Connections Las Vegas

Education

Azure DevOps, Frameworks: ITIL, TOGAF | Microsoft: Microsoft System Center Services Manager 2012
CED Solutions: SQL Server 2008 Boot Camp | Learning Tree International | University of Phoenix Online
Global Knowledge: VMWare vSphere: Install, Configure and Manage V4
Global Knowledge: VMWare vSphere Advanced: Install, Configure and Manage V5
